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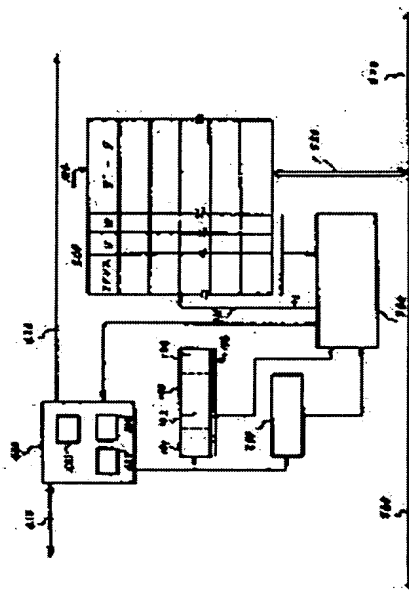
(72)Inventor : **TOKUNAGA TAKEHISA**

(54) DISC CASH WRITE-IN CONTROL SYSTEM

(57)Abstract:

PURPOSE: To simplify the cash control and to reduce the write-in time to disc, by avoiding the record on disc for the part written in the cash memory among the data of temporary file.

CONSTITUTION: When readout instruction is output with a temporary file mode, if the addressed sector is present in the cash memory 500, required sector is read out from the cash block and given to CPU to complete the input and output operation. If not, the disc cash control unit 400 reads out the sector from the disc and delivers it to CPU via the data buses 570 and 560. In this case, no renewal of the cash memory 500 is made. Then, the block is assigned to the cash memory 500 at the data write-in and only the blocks not assigned are written on the disc. This assignment is fixed during the file usage period.



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